

Abstract of the Disclosure

The invention relates to a method, signal processing device and computer program for stereo widening (SW) of stereo format signals to become suitable for headphone listening. The invention also relates to a mobile appliance performing signal processing according to the invention. According to the invention a separate monophonic signal path (ME) is formed in order to equalize the frequency spectrum of the monophonic component of the left and right output signals (L_{out}, R_{out}) by at least extracting from the left and right input signals (L_{in}, R_{in}) an at least substantially monophonic signal component contained in said signals (L_{in}, R_{in}), processing the extracted monophonic signal component to obtain a processed monophonic signal component, and combining said processed monophonic signal component with at least one of the left (L_{out}) or the right (R_{out}) output signals.